

## **METHOD AND APPARATUS FOR MULTISTAGE VOLUME LOCKING**

### **ABSTRACT OF THE DISCLOSURE**

A storage subsystem includes a controller having a plurality of ports and a plurality of storage devices configured store information. A lock table includes attribute information and retention information for each of a plurality of storage volumes presented to a host device. The plurality of storage volumes includes a non-virtual volume that maps to a first storage device of the storage subsystem and a virtual volume that maps to a second storage device of an associated storage subsystem. The associated subsystem is linked to the storage subsystem via a communication link. The controller is configured to receive and process a request from a host to modify an attribute of the virtual volume.

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